

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 7-20-99 are:

- A. approved by the Draftsperson under 37 CFR 1.84 or 1.152.
 B. objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

BEST AVAILABLE COPY

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| <p>1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:
 <input type="checkbox"/> Black ink. Color.
 <input type="checkbox"/> Color drawings are not acceptable until petition is granted.
 <input type="checkbox"/> Fig(s) _____
 <input type="checkbox"/> Pencil and non/black ink not permitted. Fig(s) _____</p> <p>2. PHOTOGRAPHS. 37 CFR 1.84 (b)
 <input type="checkbox"/> 1 full-tone set is required. Fig(s) _____
 <input type="checkbox"/> Photographs not properly mounted (must use bristol board or photographic double-weight paper). Fig(s) _____
 <input type="checkbox"/> Poor quality (half-tone). Fig(s) <u>1-4</u></p> <p>3. TYPE OF PAPER. 37 CFR 1.84(c)
 <input type="checkbox"/> Paper not flexible, strong, white, and durable. <input type="checkbox"/> Folds, creases, wrinkles, etc. are not acceptable.
 <input type="checkbox"/> Fig(s) _____
 <input type="checkbox"/> Erasures, alterations, overwritings, interlineations;
 <input type="checkbox"/> Folds, copy/machine marks not accepted. Fig(s) _____
 <input type="checkbox"/> Mylar, vellum paper is not acceptable (too thin).
 <input type="checkbox"/> Fig(s) _____</p> <p>4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:
 <input type="checkbox"/> 21.0 cm by 29.7 cm (DIN size A4)
 <input type="checkbox"/> 21.6 cm by 27.9 cm (8 1/2 x 11 inches)
 <input type="checkbox"/> All drawing sheets not the same size. <input type="checkbox"/> Sheet(s) _____
 <input type="checkbox"/> Drawings sheets not an acceptable size. Fig(s) _____</p> <p>5. MARGINS. 37 CFR 1.84(g): Acceptable margins:
 <input type="checkbox"/> Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm
 <input type="checkbox"/> SIZE: A4 Size
 <input type="checkbox"/> Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm
 <input type="checkbox"/> SIZE: 8 1/2 x 11
 <input type="checkbox"/> Margins not acceptable. Fig(s) <u>1-4, 7, 8, 10</u>
 <input type="checkbox"/> Top (T) _____ Left (L) _____
 <input type="checkbox"/> Right (R) _____ Bottom (B) _____</p> <p>6. VIEWS. 37 CFR 1.84(h)
 REMINDER: Specification may require revision to correspond to drawing changes.
 Partial views. 37 CFR 1.84(h)(2)
 <input type="checkbox"/> Brackets needed to show figure as one entity.
 <input type="checkbox"/> Fig(s) _____
 <input type="checkbox"/> Views not labeled separately or properly.
 <input type="checkbox"/> Fig(s) _____
 <input type="checkbox"/> Enlarged view not labeled separately or properly.
 <input type="checkbox"/> Fig(s) _____</p> <p>7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)
 <input type="checkbox"/> Hatching not indicated for sectional portions of an object.
 <input type="checkbox"/> Fig(s) _____
 <input type="checkbox"/> Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____</p> | <p>8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i):
 <input type="checkbox"/> Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side; except for graphs. Fig(s) _____
 <input type="checkbox"/> Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____</p> <p>9. SCALE. 37 CFR 1.84(k):
 <input type="checkbox"/> Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____</p> <p>10. CHARACTER OF LINES, NUMBERS, & LETTERS.
 37 CFR 1.84(i)
 <input type="checkbox"/> Lines, numbers & letters not uniform, thick and well defined, clean, durable, and black (poor line quality). Fig(s) _____</p> <p>11. NUMBERS, LETTERS, & REFERENCE CHARACTERS.
 37 CFR 1.84(p)
 <input type="checkbox"/> Numbers and reference characters not plain and legible. Fig(s) <u>6-11</u>
 <input type="checkbox"/> Figure legends are poor. Fig(s) _____
 <input type="checkbox"/> Numbers and reference characters not oriented in the same direction as the views. 37 CFR 1.84(p)(3)
 <input type="checkbox"/> Fig(s) _____
 <input type="checkbox"/> English alphabet not used. 37 CFR 1.84(p)(2)
 <input type="checkbox"/> Fig(s) _____
 <input type="checkbox"/> Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)
 <input type="checkbox"/> Fig(s) _____</p> <p>12. LEAD LINES. 37 CFR 1.84(q)
 <input type="checkbox"/> Lead lines cross each other. Fig(s) _____
 <input type="checkbox"/> Lead lines missing. Fig(s) _____</p> <p>14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t)
 <input type="checkbox"/> Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) _____</p> <p>15. NUMBERING OF VIEWS. 37 CFR 1.84(u)
 <input type="checkbox"/> Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____</p> <p>16. CORRECTIONS. 37 CFR 1.84(w)
 <input type="checkbox"/> Corrections not made from prior PTO-948 dated _____</p> <p>17. DESIGN DRAWINGS. 37 CFR 1.152
 <input type="checkbox"/> Surface shading shown not appropriate. Fig(s) _____
 <input type="checkbox"/> Solid black shading not used for color contrast. Fig(s) _____</p> |
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COMMENTS

REVIEWER Jc

DATE 8-18-99 TELEPHONE NO. 703-265-8450

ATTACHMENT TO PAPER NO. 6

Summary of Record of Interview Requirements

Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record

A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

37 CFR §1.2 Business to be transacted in writing.

All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted,
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner,
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.